

# Abstract

A MODEM can shorten a process time of an interface disposed between a data terminal equipment (DTE) and the MODEM. The MODEM stores an object program of a process procedure in a memory means, and switches an operation mode automatically in the unit of prescribed process procedure whereby executes the process procedure corresponding to the mode just in operation. The MODEM further comprises a timer means which monitors transit time between an ended process procedure and a next process procedure, and the MODEM starts a process of specified mode based on a mode-setting-instruction of the process procedure as well as monitors transit time by the timer means, and executing a next specified mode when time is out in said timer means, and thereby the MODEM can perform various mode-switches.